

# Converting Colors

Hex(E11407)

Have a look what the booklet for  
Hex(E11407) contains.

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**Color**

**Hex(E11407)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E11407
RGB	225, 20, 7
RGB Percent	88%, 8%, 3%
CMY	0.1176, 0.9216, 0.9725
CMYK	0.00, 0.91, 0.97, 0.12
HSL	4°, 94%, 45%
HSV	4°, 97%, 88%
XYZ	31.3398, 16.5232, 1.7385
YIQ	79.8130, 126.3530, 39.4170

# Conversions

## Conversions Part 2

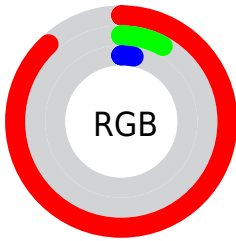
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 21, 7
Decimal	14750727
CIELab	47.65, 71.06, 59.39
CIELCh	48, 92.606, 39.887
Yxy	16.5232, 0.6318, 0.3331
Android (android.graphics.Color)	4292940807 (0xFFE11407)
YUV	79.8130, -35.8968, 127.3290
Hunter-Lab	40.6487, 66.4867, 25.9183

# Details

The Hex color **E11407** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **07D4E1**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F3C**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E10D00**, and if you desaturate by 10%, it is **E1291E**.

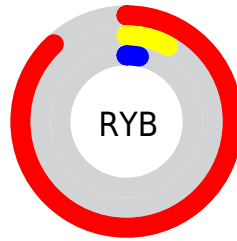
# Distribution



Red (88%)

Green (8%)

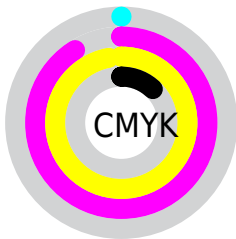
Blue (3%)



Red (88%)

Yellow (8%)

Blue (3%)

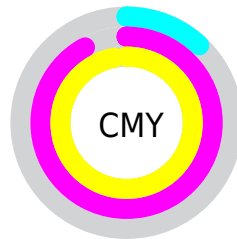


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (12%)



Cyan (12%)

Magenta (92%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E11407 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E11407 by changing the saturation by 10% instead.



 E11407

 E11407

 FFFFF8

 C00000

 FF5F3C

 9F0000

 FF7D55

 7F0000

 FF9A6F

 5F0002

 FFB889

 420003

 FFD6A4

 200001

 FFF4BF

 000000

 FFFFDC

 E11407

 E11407

 E10D00

 E1291E

 E13E34

 E1534B

 E16961

 E17E77

 E1938E

 E1A8A5

 E1BDBB

 E1D2D2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F3005C



E11407



B35800

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E11407



008C36



0074FF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E11407



07D4E1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0088FF



E11407



008F8A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E11407



008600



008FD5



8C4BEB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E11407



8A6F00



008FD5



007DFF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E11407



FFB9B5



E107D6



805653



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E11407



FF0F00



E17F07



706665



B00A00



300300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



07D4E1



00F0FF



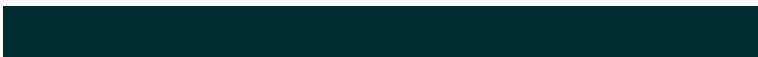
0769E1



657070



00A5B0



002E30



# Previews

## White Background



This preview shows how the Hex color E11407 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E11407 Background



This preview shows how black text looks on a background with the Hex color E11407.



This preview shows how white text looks on a background with the Hex color E11407.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
E11407

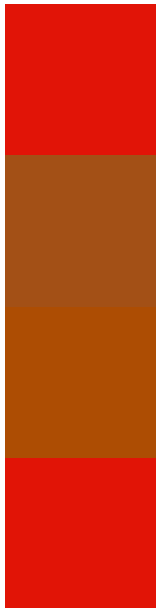
**Protanopia**  
80731E

**Deuteranopia**  
906D00



**Tritanopia**  
E11405

# Trichromacy



**Original Color**  
E11407

**Protanomaly**  
A35016

**Deuteranomaly**  
AD4D03

**Tritanomaly**  
E11406

# Monochromacy



**Original Color**  
E11407

**Achromatopsia**  
505050

**Achromatomaly**  
853A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E11407 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E11407 looks like.

```
.text, #text, p{  
    color:#E11407  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E11407 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E11407
}
```

## Border

The CSS property to change the border of an element to Hex E11407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

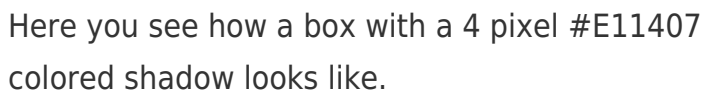
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E11407 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E11407 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #E11407 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E11407; -webkit-box-shadow:4px 4px  
4px 4px #E11407; box-shadow:4px 4px 4px  
4px #E11407 }
```

# Background

The CSS property to change the background color of an element to Hex E11407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E11407 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E11407 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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